

APPENDIX C

SUMMARY OF ESTIMATED ALIGNMENT COSTS

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Estimated Construction Costs for Proposed Alignments

Eastern Alignment A	Length (feet)	Type of Trail	Cost
Blair Road	3,000	On street bike path	\$69,000
Van Buren Road	295	Shared roadway	n/a
Sandy Spring Road	1,293	Shared roadway	n/a
Maple Street	316	Shared roadway	n/a
Vine Street	324	Shared roadway	n/a
Elevation 314 development	330	Structure/Bridge	\$726,000
Carroll Street/Cedar Street	80	Structure/Bridge	\$176,000
Metro Property	607	Structure/Bridge	\$1,335,400
Rear of Apartments	351	Structure/Bridge	\$772,200
Cady Lee House	190	Asphalt Trail	\$3,230
Piney Branch Road	100	Structure/Bridge	\$220,000
Totals	6,886		\$3,301,830

Eastern Alignment B	Length (feet)	Type of Trail	Cost
Blair Road	3,000	On street bike path	\$69,000
Van Buren Road	295	Shared roadway	n/a
Sandy Spring Road	1,293	Shared roadway	n/a
Maple Street	746	Shared roadway	n/a
Carroll Street/Cedar Street	845	Shared roadway	n/a
Eastern Avenue	1,194	Bike lanes	\$1,944
Totals	7,373		\$70,944

Eastern Alignment C	Length (feet)	Type of Trail	Cost
Blair Road	3,000	On street bike path	\$69,000
Van Buren Road	295	Shared roadway	n/a
Sandy Spring Road	1,293	Shared roadway	n/a
Maple Street	746	Shared roadway	n/a
Carroll Street/Cedar Street	845	Shared roadway	n/a
Metro Property	718	Structure/Bridge	\$1,579,600
Rear of Apartments	351	Structure/Bridge	\$772,200
Cady Lee House	190	Asphalt Trail	\$3,230
Piney Branch Road	100	Structure/Bridge	\$220,000
Totals	7,538		\$2,644,030

Western Alignment D	Length (feet)	Type of Trail	Cost
Blair Road (Kansas to Underwood)	2,490	On street bike path	\$57,270
Blair Road	1,993	Cantilevered Bridge	\$2,656,669
Behind Liquor store	414	Structure/Bridge	\$910,800
Cedar Street	95	Structure/Bridge	\$209,000
Metro Property	1,117	Structure/Bridge	\$2,457,400
Piney Branch Road (Option 2)	100	Structure/Bridge	\$220,000
Ramp down to Piney Branch (Opt.2)	200	Structure/Bridge	\$440,000
Totals	6,409		\$6,951,139

Western Alignment E	Length (feet)	Type of Trail	Cost
North Dakota Avenue	2,065	Bike lanes	\$2,515
3rd Street	1,874	Bike lanes	Completed
Whittier Street	539	Bike lanes	\$839
4th Street	1,307	Bike lanes	\$2,207
Cedar Street to Spring Place	313	Asphalt trail	\$5,321
Spring Place	517	Shared roadway	n/a
Chestnut Street	446	Shared roadway	n/a
Piney Branch Road (Option 2)	100	Structure/Bridge	\$220,000
Ramp down to Piney Branch (Opt.2)	200	Structure/Bridge	\$440,000
Totals	7,361		\$670,882

Tunnel Segment	Length (feet)	Type of trail	Cost
Extending the Metro tunnel through to the western side of the tracks	135	Concrete tunnel and trail	Unable to determine without more data

Costs are based on the following data:

On street path: \$23/linear foot - 2' curb median

Asphalt Trail: \$17/linear foot (10' trail)

Bike lanes: Cost for bike symbols: \$75 and stripping is approx. \$1/foot

Structure/Bridge: 100'x12' foot span with concrete decking and safety fencing (including abutments) - \$220,000

Cantilevered Bridge: 60'x12' foot span "cantilevered" with wood decking - \$80,000

Bridge Quotes from Continental Bridge, Inc.